

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Morio GAKU et al.

Serial No. [NEW] : Attn: Application Branch

Filed December 28, 2001 : Attorney Docket No. 2001-1911

METHOD OF MAKING THROUGH HOLE
WITH LASER, COPPER-CLAD LAMINATE
SUITABLE FOR MAKING HOLE, AND
AUXILIARY MATERIAL FOR MAKING
HOLE

(Rule 1.53(b) Divisional of Serial No.
09/271,897, Filed March 18, 1999)

THE COMMISSIONER IS AUTHORIZED
TO CHARGE ANY DEFICIENCY IN THE
FEE FOR THIS PAPER TO DEPOSIT
ACCOUNT NO. 23-0975.

31073 U.S. PTO
12/28/01
12/28/01

#3
D.G.
3.15.02

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents,
Washington, DC 20231

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicants request
consideration of [X] the references listed on attached form PTO-1449 and/or [] the additional
information identified below in paragraph 3. A legible copy of each reference listed on the form
PTO-1449 and each U.S. patent application listed below is enclosed, except a copy is not
provided for each reference previously cited by or submitted to the Patent Office in prior parent
application Serial No. 09/271,897.

1a. This Information Disclosure Statement is submitted:

within three months of the filing date (or of entry into the National Stage) of the
above-entitled application, or

before the mailing of a first Office Action on the merits or the mailing of a first
Office Action after the filing of an RCE,

and thus no certification and/or fee is required.

1b. This Information Disclosure Statement is submitted

after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:

(1) the certification of paragraph 2 below is provided, **or**

(2) the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

1c. This Information Disclosure Statement is submitted:

after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

the certification of paragraph 2 below is provided, and

the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

1d. Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this information was not received by any individual designated in 37 CFR 1.56(c) more than 30 days prior to the filing of this Information Disclosure Statement. Accordingly, this application is entitled to the protection of 37 CFR 1.704(d) with regard to the filing of this Information Disclosure Statement.

2. It is hereby certified

a. that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or

b. that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.

3. [] Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.
4. For each non-English language reference listed on the attached form PTO-1449, reference is made to:
 - a. [] a full or partial English language translation submitted herewith,
 - b. [] a foreign patent office search report (in the English language) submitted herewith,
 - c. [] the concise explanation contained in the specification of the present application at page _____,
 - d. [X] the concise explanation set forth in the attached English language abstract,
 - e. [] the concise explanation set forth below or on a separate sheet attached to the reference:
5. [X] A foreign patent office search report citing one or more of the references was submitted in the parent application.

Respectfully submitted,

Morio GAKU et al.

By Matthew Jacob
Matthew Jacob
Registration No. 25,154
Attorney for Applicants

MJ/pjm
Washington, D.C. 20006-1021
Telephone (202) 721-8200
Facsimile (202) 721-8250
December 28, 2001